UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/038,239	01/04/2002	Drue A. Reeves	COMP:0226 P00-3302	7875

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EXAMINER
LEMMA, SAMSON B

ART UNIT	PAPER NUMBER
2132	

DATE MAILED: 07/01/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address --*

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _04 January 2002_.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-22_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-22_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _04/15/2002_.

4)☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

U.S. Patent and Trademark Office

PTOL-326 (Rev. 1-04)   **Office Action Summary**   Part of Paper No./Mail Date 06232005

DETAILED ACTION

1.   **Claims 1-22** have been examined.

Claim Rejections - 35 USC § 102

2.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form

the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section
> 122(b), by another filed in the United States before the invention by the applicant for patent or (2)
> a patent granted on an application for patent by another filed in the United States before the
> invention by the applicant for patent, except that an international application filed under the
> treaty defined in section 351(a) shall have the effects for purposes of this subsection of an
> application filed in the United States only if the international application designated the United
> States and was published under Article 21(2) of such treaty in the English language.

3.   **Claims 1, 4-13; 17-18; 20-22** are rejected under 35 U.S.C. 102(e) as being anticipated

by **Belanger** (hereinafter referred to as **Belanger**) (U.S. Publication 2002/0059402 A1).

4.   **As per claims 1& 17 Belanger discloses** a method for selectively providing data

between networked devices, comprising the acts of: storing virtual media resources, a

plurality of authorized users, and access rights to the virtual media resources for each

of the plurality of authorized users in a remote directory server; [Page 2, paragraph

0030; paragraph 0032; paragraph 0034, last 7 lines; paragraph 0037; paragraph 0059;

paragraph 0061-0063] receiving an access request for a desired resource of the virtual

media resources at the remote directory server via a network;[page 4, reference 0054;

figure 4, reference 52-58] **(a user message/request is received at the server)** and

responding to the access request based on the access rights of the authorized users by the remote directory server via the network. [page 6, paragraph 0061-0062; figure 4, reference 60 and paragraph 0063, the last 10 lines.]

5.   **As per claim 4- 5, 20 Belanger discloses** the method as applied to claims above. Furthermore Belanger discloses the method wherein the act of storing the virtual media resources comprises the act of obtaining a data image of a software resource in a data storage format of a standard data storage media. [page 2, paragraph 0024]

6.   **As per claim 6, 21 Belanger discloses** the method as applied to claims above. Furthermore Belanger discloses the method wherein the desired resource comprises at least one virtual media image of operating system installation files. [page 2, paragraph 0023 & 0030]

7.   **As per claim 7-9 & 22 Belanger discloses** the method as applied to claims above. Furthermore Belanger discloses the method wherein the desired resource comprises at least one virtual media image of application program installation files.[page 1, paragraph 0005, paragraph 0022]

8.   **As per claim 10-13 Belanger discloses** the method as applied to claims above. Furthermore Belanger discloses the method wherein the act of responding to the access request comprises the act of protecting the virtual media resources against unauthorized access by a requesting user. [page 6, paragraph 0061-0062; figure 4, reference 60 and paragraph 0063, the last 10 lines.]

9.   **As per claim 18 Belanger discloses** the method as applied to claims above. Furthermore Belanger discloses the method wherein the database, the access protection module, and the request processing module are disposed on a directory server.[page 8, paragraph 0086]

Claim Rejections - 35 USC § 103

10.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as
> set forth in section 102 of this title, if the differences between the subject matter sought to be
> patented and the prior art are such that the subject matter as a whole would have been obvious
> at the time the invention was made to a person having ordinary skill in the art to which said
> subject matter pertains. Patentability shall not be negatived by the manner in which the
> invention was made.

11.   **Claims 2-3 & 19** are rejected under 35 U.S.C. 103(a) as being unpatentable over

Belanger (hereinafter referred to as **Belanger**) (U.S. Publication 2002/0059402 A1)

in view of Microsoft, Active Directory Overview (hereinafter referred to as **Microsoft**) ,

Published on June 30,1999, Page 1-11; (reference U).

12.   **As per claim 2-3 & 19,** **Belanger discloses** the method of storing virtual media

resources on the remote server this eliminates the need for on-site installation and

configuration and the server may include dedicate storage for storing application files

and other information associated with each users. This dedicated storage creates a

virtual hard drive location in the memory for the user, the memory being located on the

server, rather than on the user's device. [See Belanger, page 2, paragraph 0024] and

Furthermore an access mechanism connected to the server computer for determining

access rights to these data files stored in the memory of the server computer.[See page

2, paragraph 0032, last 2 lines – page 3, line 1]

Belanger does not explicitly discloses that the act of storing comprises the act of

forming a hierarchical structure of the access rights for plurality of authorized users

and the hierarchical structure comprises the act of creating an organizational tree

wherein each node represents at least one of the resources.

However, in the same field of endeavor, Microsoft discloses the act of storing comprises the act of forming a hierarchical structure of the access rights for plurality of authorized users and the hierarchical structure comprises the act of creating an organizational tree wherein each node represents at least one of the resources.[Page 3, title "Hierarchal Organization" -page 4; figure 1, 2, & 5, page 7, under the title "Strengthens Security", and page 8]

It would have been obvious to one having ordinary skill in the art, at the time the invention was made, to combine the features of hierarchical structure access rights and creating an organizational tree as per teachings of Microsoft, in to the method of virtual resources as taught by **Belanger,** in order to strengthens security. [See **Microsoft,** page 7, title " Strengthens Security]

13.   **Claims 14-16** are rejected under 35 U.S.C. 103(a) as being unpatentable over Microsoft, Active Directory Overview (hereinafter referred to as **Microsoft**) , Published on June 30,1999, Page 1-11; (reference U), in view of **Belanger** (hereinafter referred to as **Belanger**) (U.S. Publication 2002/0059402 A1)

14.   **As per claim 14-16 Microsoft discloses** a method for selectively providing data between networked devices, comprising the acts of: forming a hierarchical user access tree comprising at least one relationship branch having a plurality of nodes at a plurality of levels ranked with respect to one another;[Page 3, title Hierarchal Organization, Figure 1 &2] associating a plurality of virtual media resources to the plurality of nodes;[page 4, 1st paragraph; figure 1 & 2] storing access rights of authorized users at each of the plurality of nodes; [page 5, figure 2, & page 5, 1st paragraph] processing an access request for a desired

resource of the plurality of virtual media resources by verifying that a requesting user is one of

the plurality of authorized users and verifying that the desired resource is within the access

rights of the verified requesting user. [Page 7, under the title "Strengthens Security", and page

8; Page 4, last line and figure 5]

Microsoft does not explicitly disclose that the resources are the virtual media resources

that can be provided by remote server/remote directory server.

However, in the same field of endeavor, **Belanger** discloses that receiving an access

request for a desired resource of the virtual media resources at the remote directory server via

a network;[page 4, reference 0054; figure 4, reference 52-58 & paragraph 0024]

It would have been obvious to one having ordinary skill in the art, at the

time the invention was made, to combine the features of virtual resources as per

teachings of **Belanger**, in to the method of forming a hierarchical user access

tree as taught by Microsoft in order to create a virtual hard drive location in the

server rather than on the user's device and access the operating system/remote

resources from any user device .[See Belanger paragraph 0023-0024]

Conclusion

15.   The prior art made of record and not relied upon is considered pertinent to applicant's

disclosure.(See PTO-Form 892).

Any inquiry concerning this communication or earlier communications from the examiner

should be directed to Samson B Lemma whose telephone number is 571-272-3806. The

examiner can normally be reached on Monday-Friday (8:00 am---4: 30 pm).
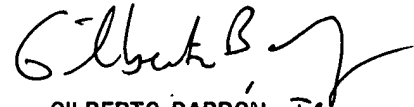
If attempts to reach the examiner by telephone are unsuccessful, the examiner's
supervisor, BARRON JR GILBERTO can be reached on 571-272-3799. The fax phone
number for the organization where this application or proceeding is assigned is 703-872-
9306.

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217-9197 (toll-free).

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08/23/2005

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